

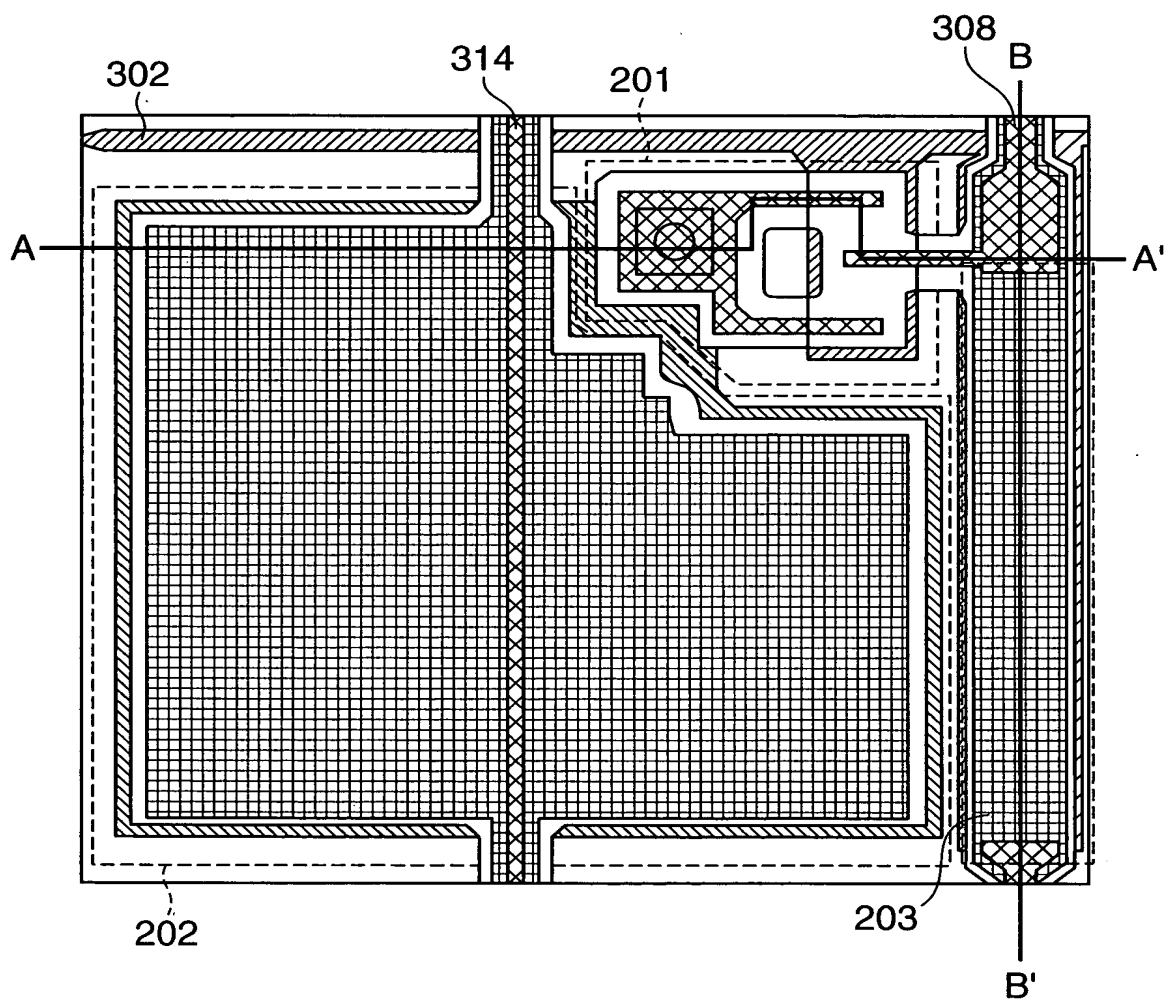
FIG. 1

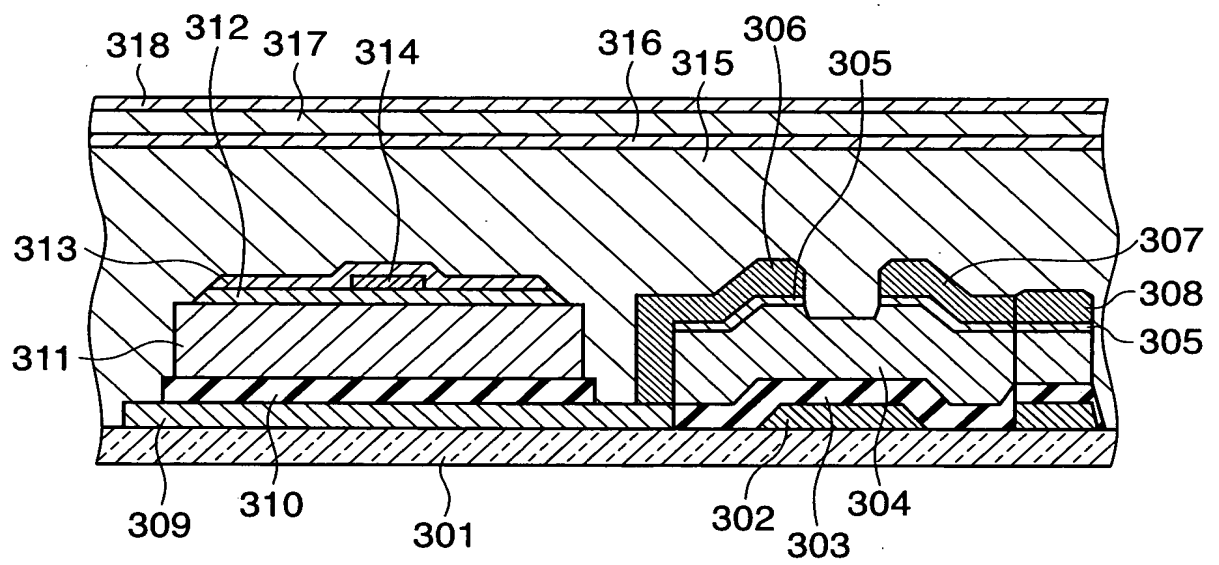
FIG. 2

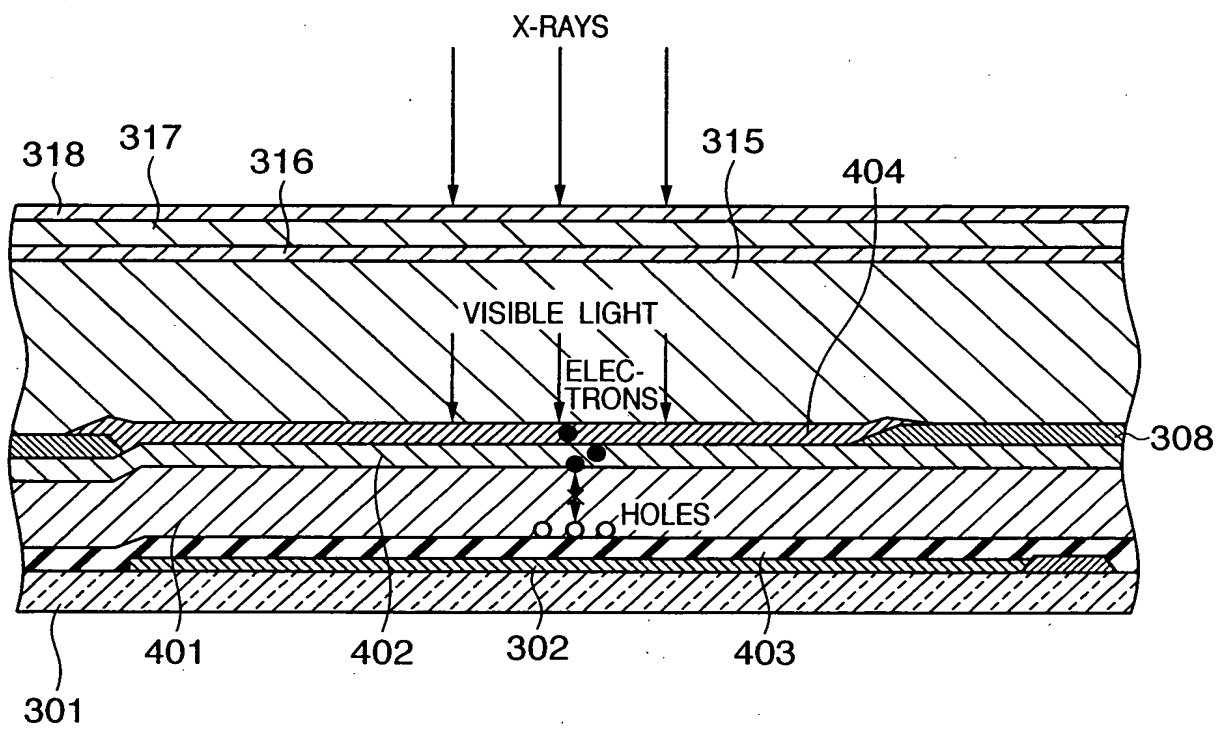
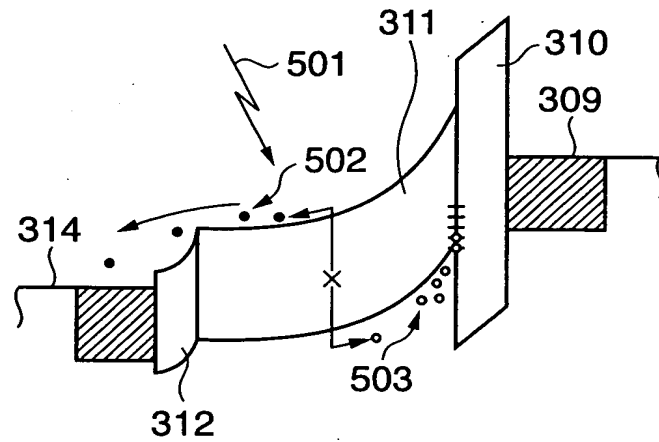
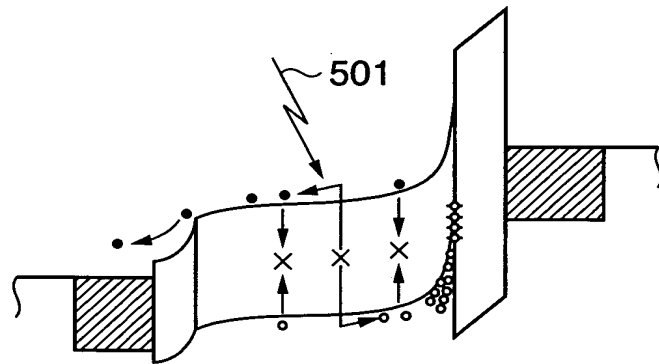
FIG. 3

FIG. 4A



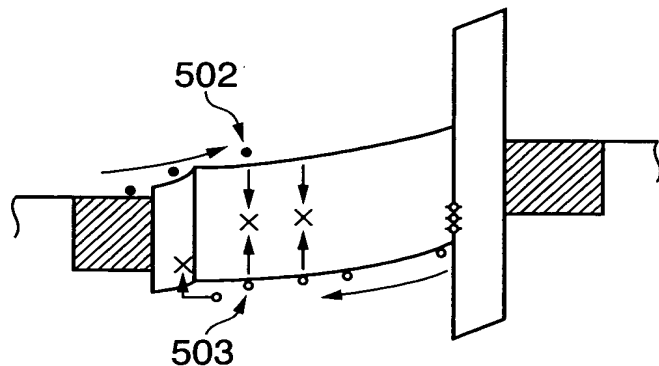
PHOTOELECTRIC CONVERSION MODE

FIG. 4B



SATURATED STATE

FIG. 4C



REFRESH OPERATION

FIG. 5A

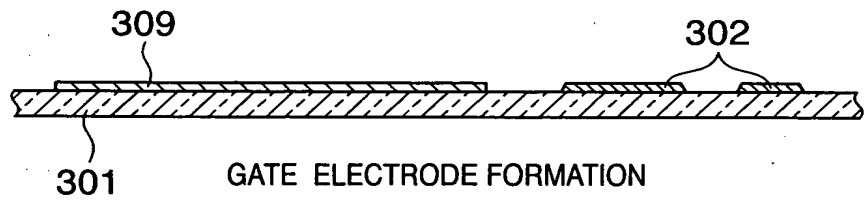


FIG. 5B

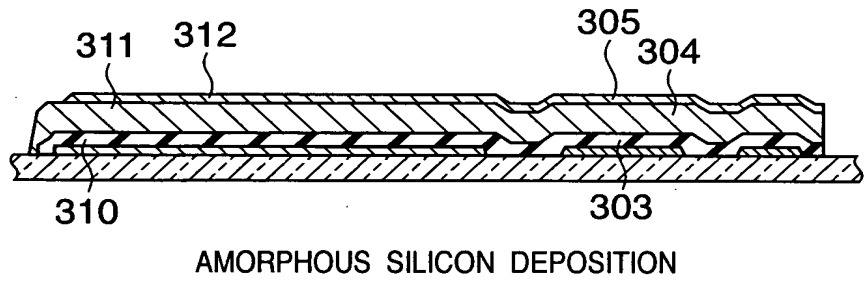


FIG. 5C

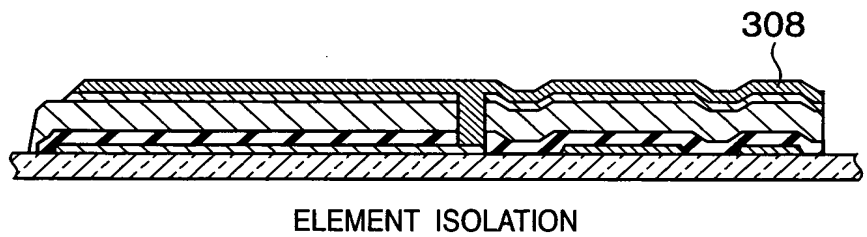


FIG. 5D

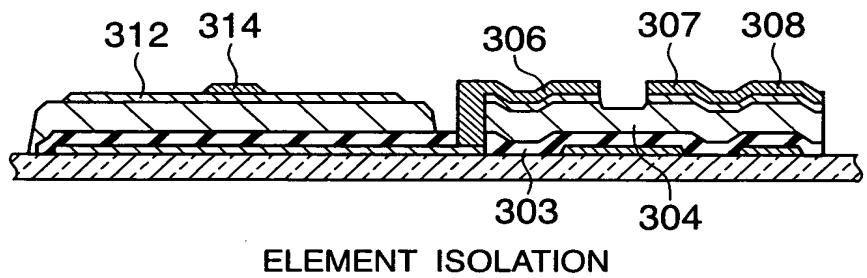


FIG. 5E

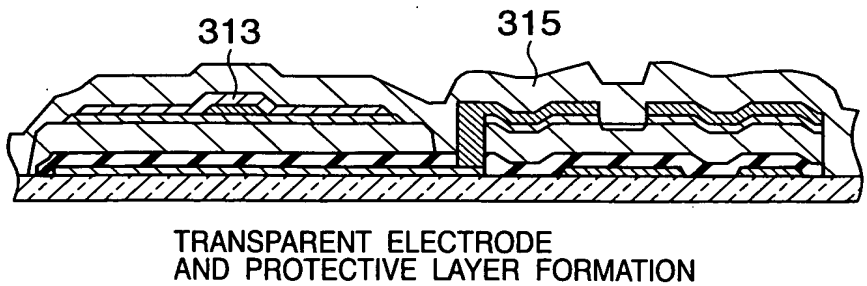


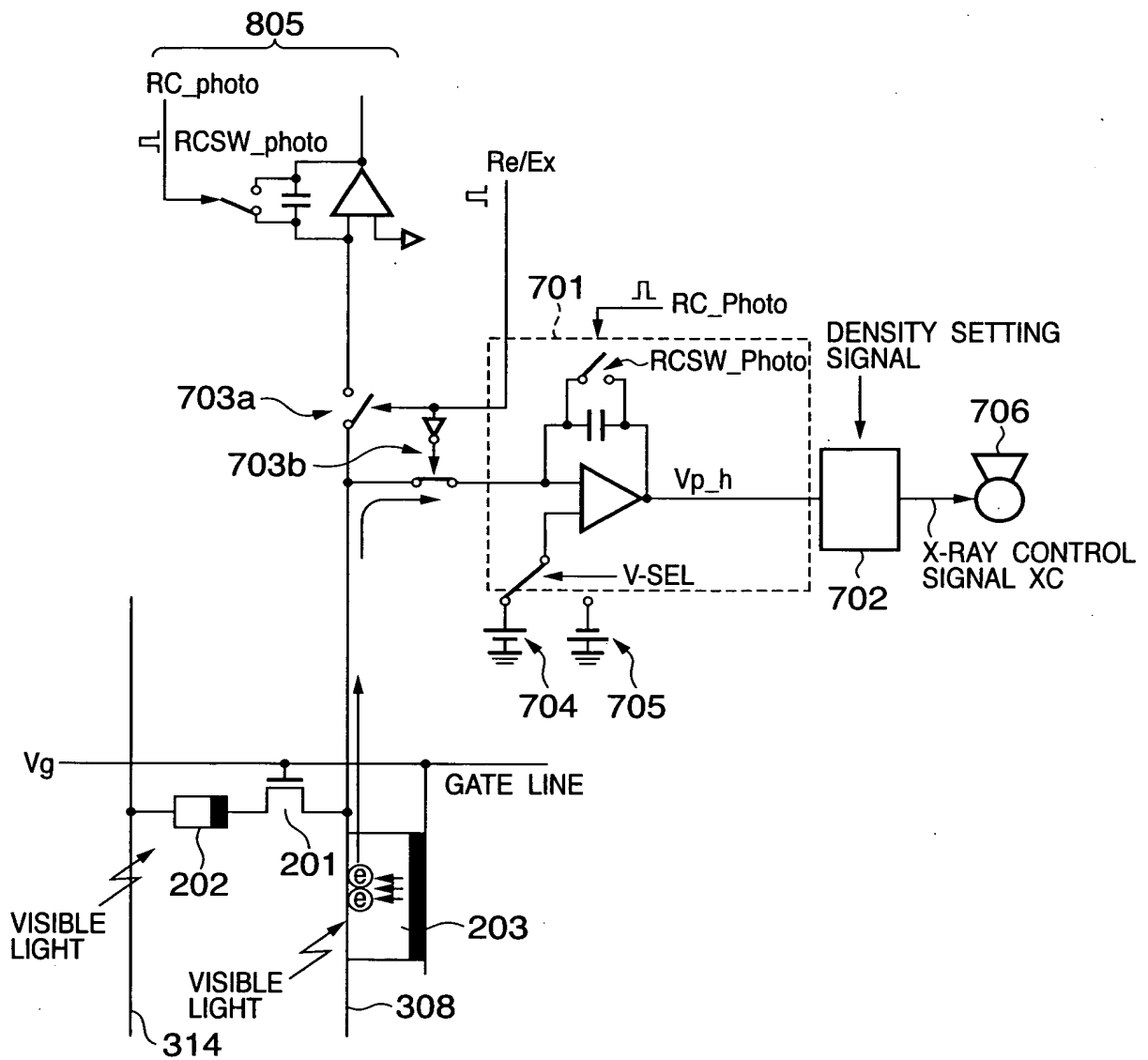
FIG. 6

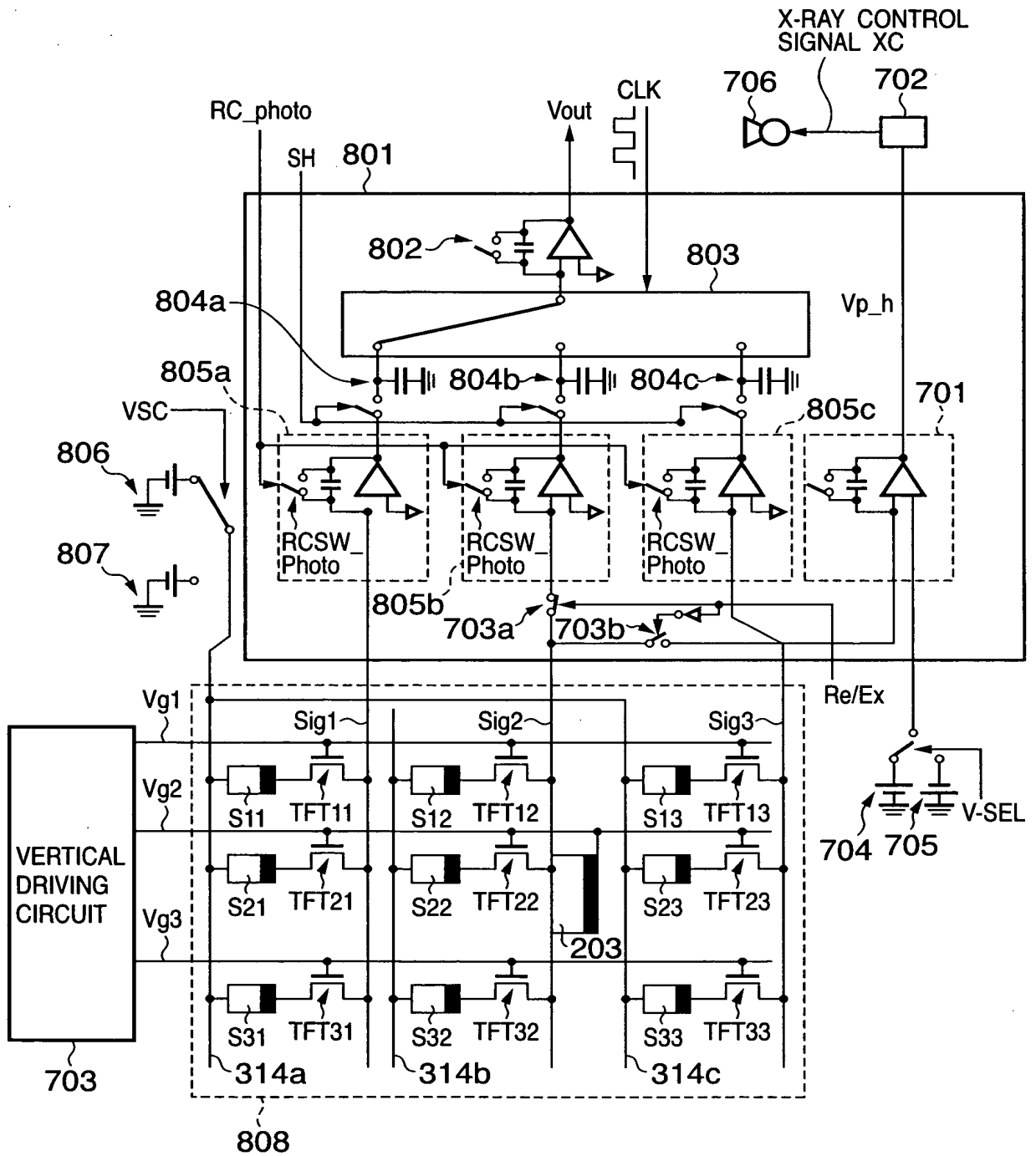
FIG. 7

FIG. 8

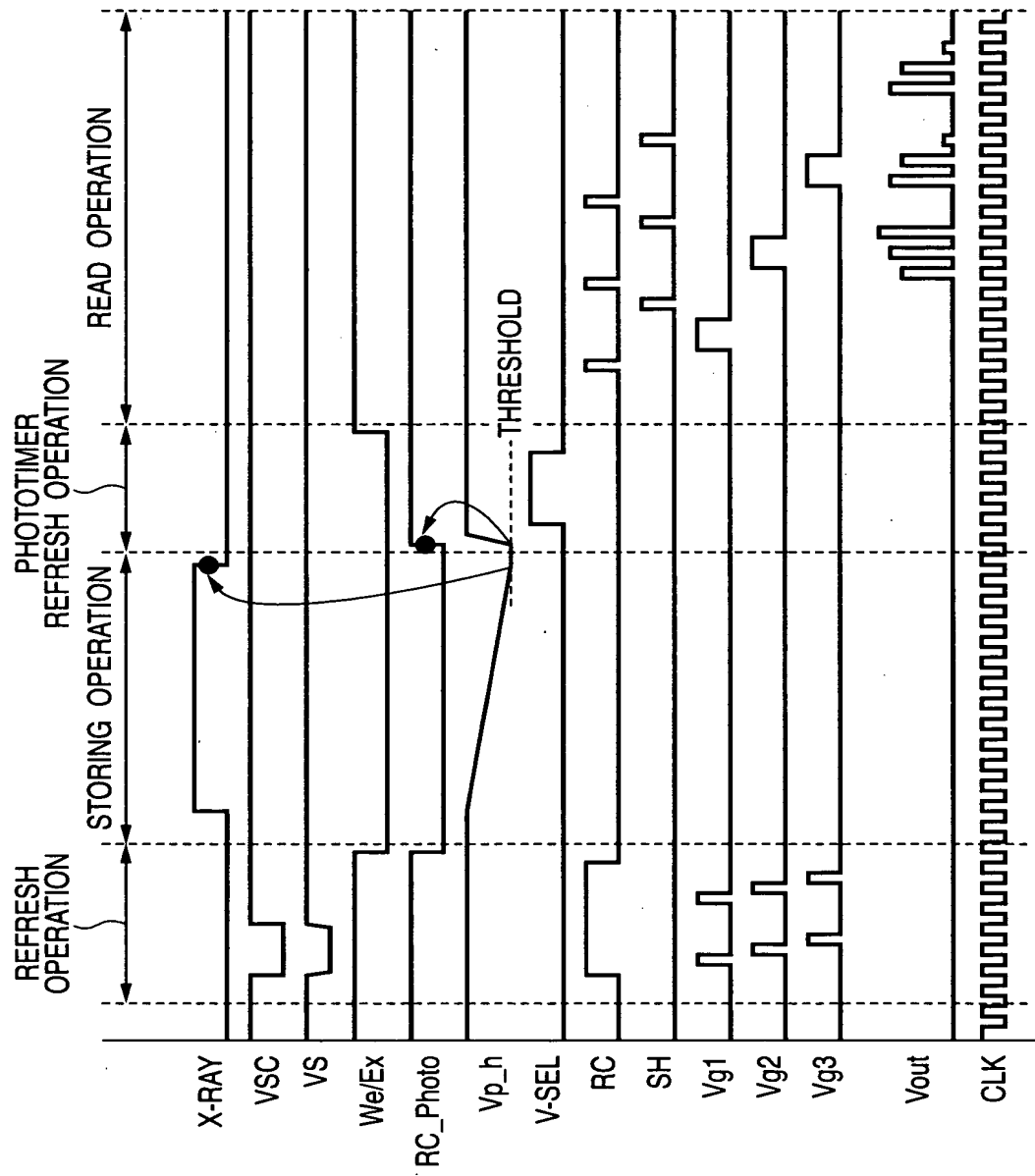


FIG. 9

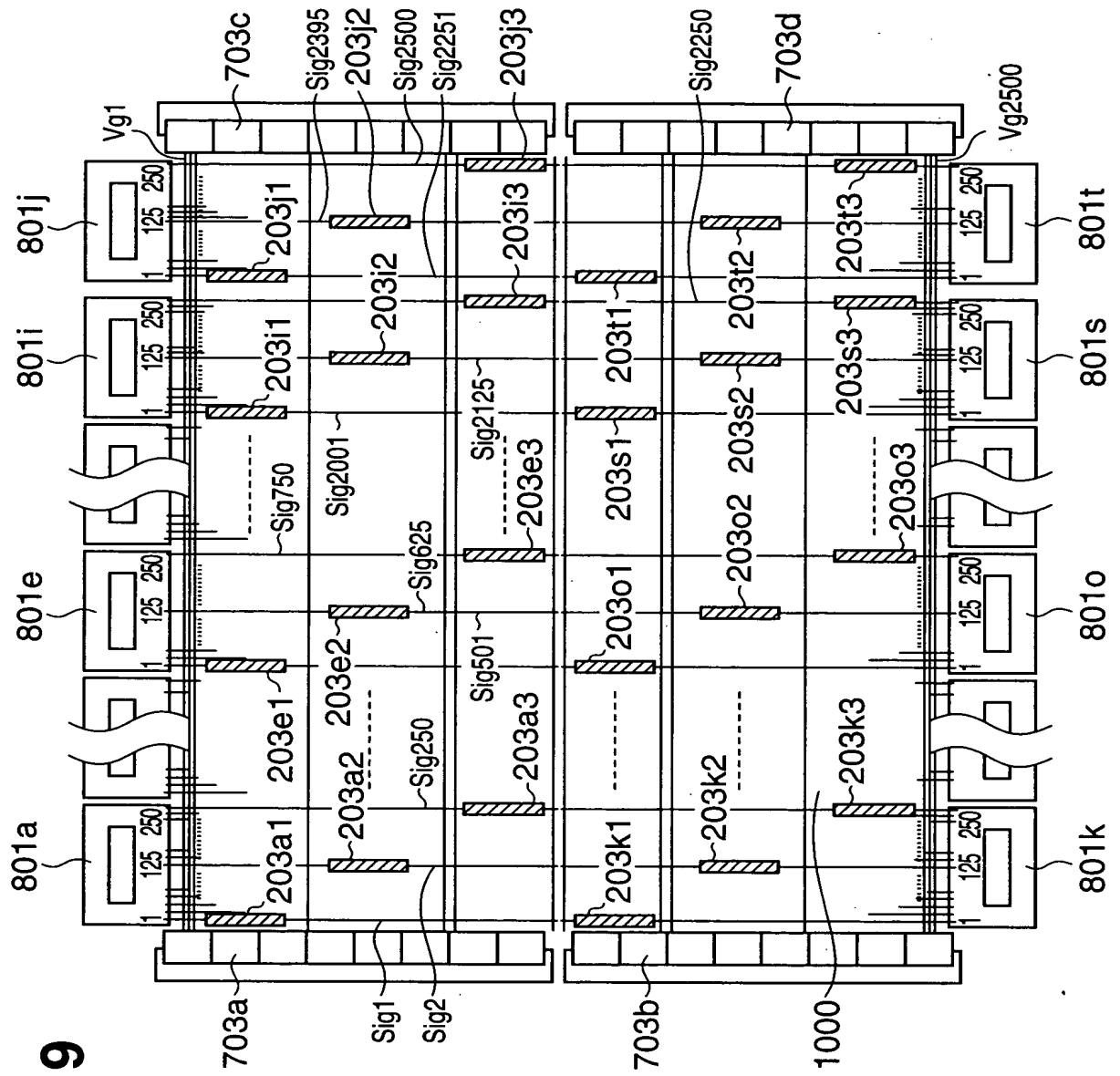


FIG. 10

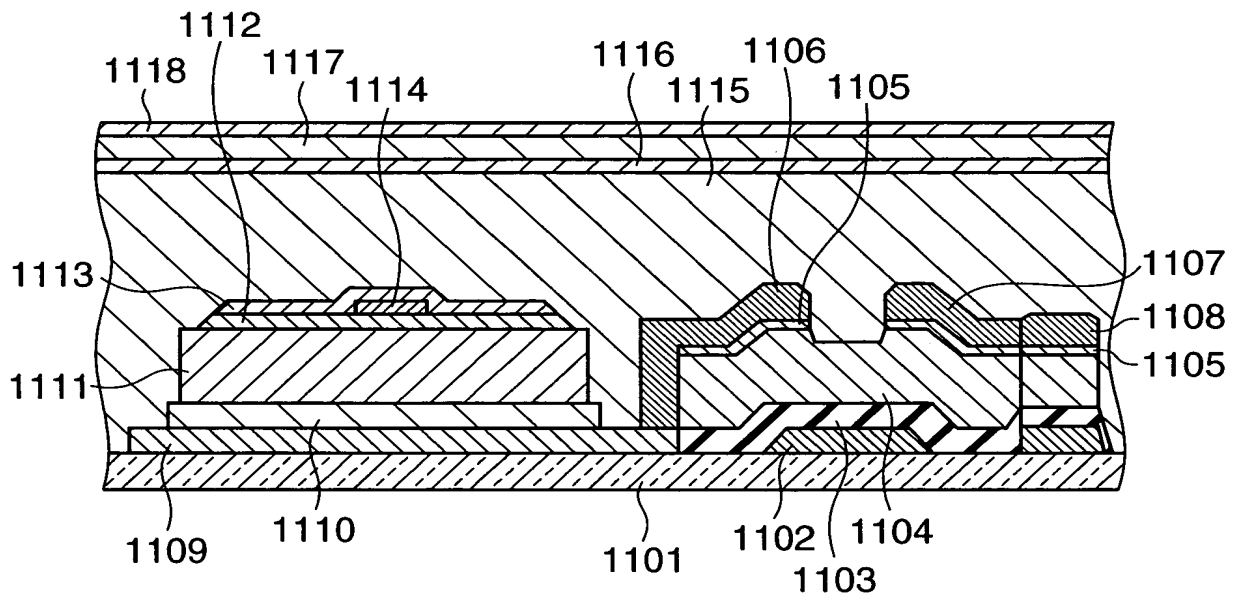


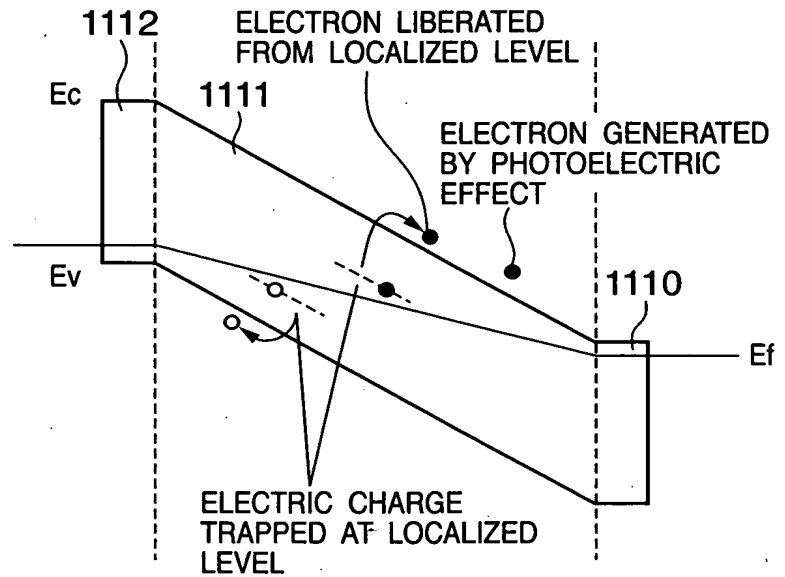
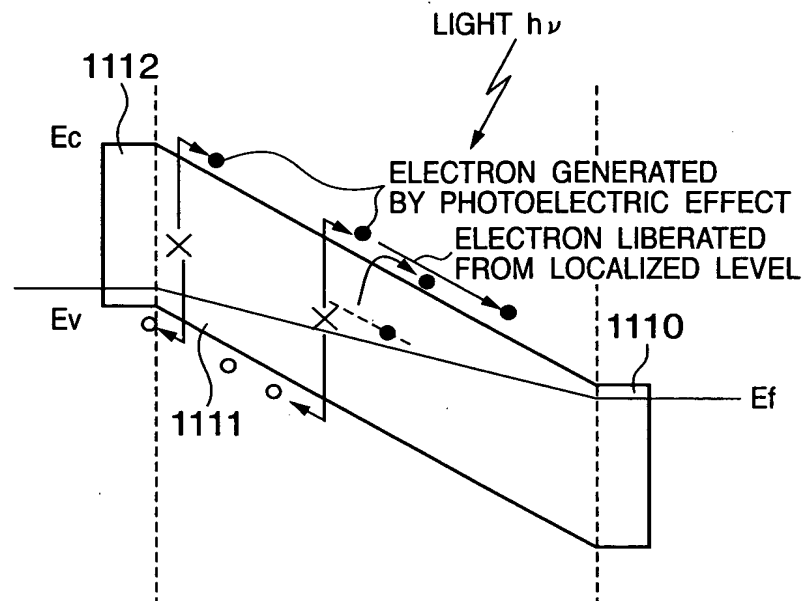
FIG. 11A**FIG. 11B**

FIG. 12

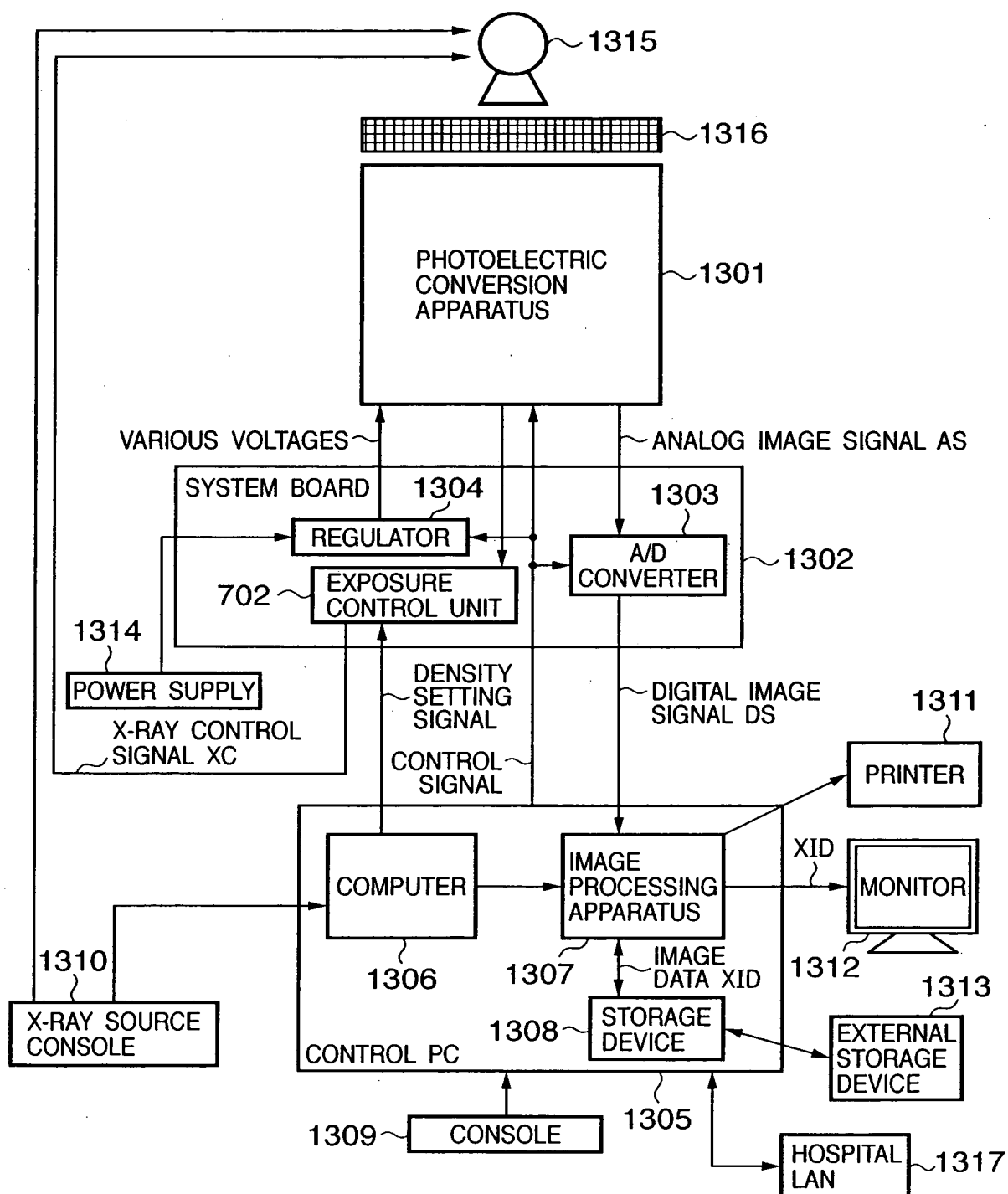


FIG. 13
PRIOR ART

